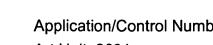


Notice of Allowability	Application No.	Applicant(s)	Applicant(s)	
	09/966,504	AHMED ET AL.	AHMED ET AL.	
	Examiner	Art Unit		
	Juan A. Torres	2631		
The MAILING DATE of this communication appeal All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in or other appropriate commits IGHTS. This application is	in this application. If not including the in	led course. THIS	
1. This communication is responsive to <u>03/25/2005</u> .		•		
2. The allowed claim(s) is/are <u>1-12</u> .				
3. \boxtimes The drawings filed on <u>25 March 2005</u> are accepted by the	Examiner.			
 4. Acknowledgment is made of a claim for foreign priority unall All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority do International Bureau (PCT Rule 17.2(a)). * Certified copies not received: Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 5. A SUBSTITUTE OATH OR DECLARATION must be subminsformal PATENT APPLICATION (PTO-152) which give 6. CORRECTED DRAWINGS (as "replacement sheets") must (a) including changes required by the Notice of Draftspers 1) hereto or 2) to Paper No./Mail Date [b) including changes required by the attached Examiner' Paper No./Mail Date Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in the case of the proper of the deposit of the proper of the proper of the deposit of the depos	e been received. e been received in Application cuments have been received of this communication to file. MENT of this application. Initiated. Note the attached EX es reason(s) why the oath of the submitted. Initiated as a submitted of the submitted of the submitted. In Same of the submitted of the header according to 37 C the sit of BIOLOGICAL MAT	on No ed in this national stage applicated in the CAMINER'S AMENDMENT or the declaration is deficient. EW (PTO-948) attached in the Office action of the drawings in the front (not the FR 1.121(d).	equirements NOTICE OF	
Attachment(s)	E N=001	nformal Datast April 12-	TO 152\	
 Notice of References Cited (PTO-892) Dotice of Draftperson's Patent Drawing Review (PTO-948) 		nformal Patent Application (PT Summan (PTO-413)	U-10Z)	
	Paper No	6. ☐ Interview Summary (PTO-413), Paper No./Mail Date		
 Information Disclosure Statements (PTO-1449 or PTO/SB/0 Paper No./Mail Date 	08), 7. ∐ Examiner's	s Amendment/Comment		
Examiner's Comment Regarding Requirement for Deposit of Biological Material	8. ⊠ Examiner's 9.	S Statement of Reasons for All TESFALOET BOCU PRUMABLE AND IN		

U.S. Patent and Trademark Office PTOL-37 (Rev. 1-04)

Notice of Allowability

Part of Paper No./Mail Date 04262005



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EXAMINER'S STATEMENT FOR REASONS FOR ALLOWANCE

Claims 1-12 are allowable over prior art.

The following is an examiner's statement of reasons for allowance: claims 1-12 are allowed because the references cited fail to teach, as applicant has, a method of format detection for information having an information rate and received over a communication channel of a communication system, the method comprising the step of: determining the format of the received information from the information rate and a measurement of a time period during which the information was received at a power level that is equal to or above a defined threshold whereby the time period is measured by detecting transitions in the power level of symbols carrying the information, as the applicant has claimed.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Emerson (US 5434866) discloses digital communication system with intelligent channel units with a format detector circuit 62 that detects the receive format in terms of bit rate and error correction capabilities and provides that information to the microprocessor 58, but doesn't provide the details how the format detector works. Ariel (US 20020108090 A1) discloses blind transport format detection of turbo -coded

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data and more particularly but not exclusively to blind transport format detection of turbo-coded data for use in third generation wireless communications. Palenius (US 6732302) discloses blind rate detection in a multiplexed transmission system. Nagata (US 20030007580) discloses a blind transport format detection with sliding window trace-back for evaluating decoding to candidate block lengths together with piecewise linear approximation of the reliability logarithm function with a small lookup table plus simple logic. Murata (EP 1422900) discloses that when it is detected that a CRC check is acceptable in Blind Transport Format Detection (BTFD) processing, the BTFD processing is halted from this moment onward, the number of bits of voice code of each class is decided based upon the bit rate of each class in a bit-rate combination that prevails when the CRC check is acceptable, the voice code of each class is demultiplexed from receive data based upon the number of bits and the demultiplexed voice code is input to a voice codec.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Juan A. Torres whose telephone number is (571) 272-3119. The examiner can normally be reached on Monday-Friday 9:00 AM - 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mohammad H. Ghayour can be reached on (571) 272-3021. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Juan Alberto Torres 04-26-2005